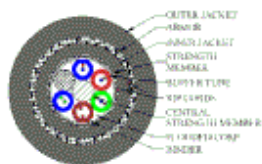


## M9A366 Fiber - Loose Tube Armored - Flooded Core/Single Armor/Double Jacket



For more Information  
please call

1-800-Belden1

## Description:

## Physical Characteristics (Overall)

Fiber Type:	50/125/250 Micron
Number of Fibers:	10
Core Diameter:	50
Clad Diameter:	125
Primary Coating Material:	Acrylate
Primary Coating Diameter:	245
Secondary Coating Material:	Engineering Thermoplastic
Secondary Coating Diameter:	250

## Fiber Color Code Chart:

Color
Blue
Orange

Buffer Tube Diameter:	1.9
Buffer Tube Material:	PBT - Polybutylene Terephthalate
Buffer Tube Filling Material:	Synthetic Thixotropic Gel

## Buffer Tube Color Code Chart:

Number	Color
1	Blue
2	Orange
3	Green
4	Brown
5	Slate

## Inner Jacket

Inner Jacket Nominal Wall Thickness:	0.030
Inner Jacket Ripcord:	Yes

## Outer Jacket

## Outer Jacket Material:

Outer Jacket Material
PE - Polyethylene

Outer Jacket Nominal Wall Thickness:	0.06
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## Outer Jacket Diameter:

Nom. Dia. (in.)
0.530

Outer Jacket Ripcord:	Yes
Outer Jacket Color:	Black

## Strength Member

Strength Member Material:	Aramid Yarn, Fiberglass Epoxy Rod
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## Armor

Armor Type:	Corrugated Steel Tape
Armor Material:	Steel

**M9A366 Fiber - Loose Tube Armored - Flooded Core/Single Armor/Double Jacket****Overall Cabling**

Overall Nominal Diameter:	0.530 in.
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**Mechanical Characteristics (Overall)**

Storage Temperature Range:	-50°C To +80°C
Operating Temperature Range:	-40°C To +70°C
Min. Bend Radius (Install)/Minor Axis:	10.600 in.
Min. Bend Radius for Long Term Application:	7.950 in.
Crush Resistance:	2000 N/cm
Impact Resistance:	2000 Impacts w/ 1.6 N-m
Max. Load for Installation:	600 lbs.

**Applicable Specifications and Agency Compliance (Overall)****Applicable Standards & Environmental Programs**

IEEE Specification:	802.3z
Telecommunications Standards:	568B

**Plenum/Non-Plenum**

Plenum (Y/N):	No
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**Optical Characteristics (Overall)**

Maximum Attenuation @ 850nm:	3.0 dB/km
Maximum Attenuation @ 1300nm:	1.0 dB/km
Minimum Bandwidth @ 850nm:	500 MHz*km
Minimum Bandwidth @ 1300nm:	500 MHz*km
Maximum Gigabit Ethernet Length @ 850nm:	600
Maximum Gigabit Ethernet Length @ 1300nm:	600

**Notes (Overall)**

**Notes:** Cable is flooded for moisture protection.

**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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